

IN THE ABSTRACT:

The Abstract has been amended as follows:

An implantable medical apparatus for detecting diastolic heart failure, DHF, ~~comprises~~ has a DHF determining device for determining at least one blood pressure parameter for detecting a DHF state of the heart of a patient.

5 The DHF determining device ~~comprises~~ includes a pressure measuring means (2,10,12,16) unit for measuring pulse pressure in a cardiac cycle for a predetermined workload situation of the patient as said the blood pressure parameter, and a ~~comparator comparison means~~ (14) compares the measured pulse pressure with a predetermined reference value. A pacemaker ~~comprises~~ includes such an apparatus and a control unit that optimizes means (20) for optimizing pacing therapy depending on the result of the comparison of the measured pulse pressures with said the predetermined reference values. A corresponding method of detecting diastolic heart failure, DHF, ~~comprises~~ includes the step of determining at least one blood pressure parameter for detecting a DHF state of the heart of a patient. ~~This step of determining at least one blood parameter comprises by~~ determining, as said blood pressure parameter, the pulse pressure in a cardiac cycle for a predetermined workload situation of the patient, and the determined pulse pressure is compared with a predetermined reference value.

10

15

20